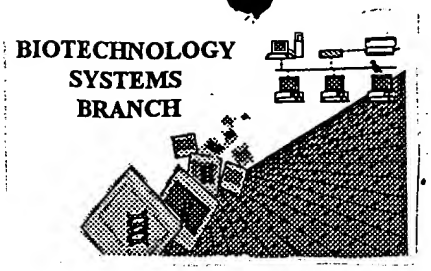
INDA



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/786,212
Source: PCT09
Date Processed by STIC: 3/21/02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
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TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>, **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
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   U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
   Or
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 01/29/2002

PCT09

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 09/786,212

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1	Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
2	Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.
3	Misaligned Amino Numbering	The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
4	Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
5	Variable Length	Sequence(s)____contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6	PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
7	Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
8	Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000
9	Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
10	Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
11	√ Use of <220>	Sequence(s) 266 missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
12	PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
13	Misuse of n	n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.

PCT09

Does Not Comply
Corrected Diskette Needed

Error on p. 7

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/786,212

DATE: 03/21/2002
TIME: 15:36:05

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Output Set: N:\CRF3\03212002\I786212.raw

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     7       From groEL groES As Inhibitors of Microorganisms
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C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/786,212
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RAW SEQUENCE LISTING DATE: 03/21/2002
PATENT APPLICATION: US/09/786,212 TIME: 15:36:05

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RAW SEQUENCE LISTING DATE: 03/21/2002
PATENT APPLICATION: US/09/786,212 TIME: 15:36:05

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RAW SEQUENCE LISTING DATE: 03/21/2002
PATENT APPLICATION: US/09/786,212 TIME: 15:36:05

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205 gaaatagctt ctaaaaccaa tgatatcgca ggtgacggga ctacgactgc aacagtcttg 900
206 acccaagcta tcgtccgtga aggaatcaaa aacgtcacag caggtgcaaa tccaatcggt 960
207 attcgtcgtg ggattgaaac agcagttgcc gcagcagttg aagctttgaa aaacaacgcc 1020
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209 aaagttggtg agtacatctc tgaagcaatg gaaaaagttg gcaaagacgg tgtcatcacc 1140
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RAW SEQUENCE LISTING DATE: 03/21/2002
PATENT APPLICATION: US/09/786,212 TIME: 15:36:05

Input Set : A:\seq listing.txt
Output Set: N:\CRF3\03212002\I786212.raw

211 cgtggttacc tttcacagta catggtgact gatagcgaaa aaatggtggc tgaccttgaa 1260
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221 gaagatgccc tcaacgctac tcgtgcagct gttgaagaag gtattgttgc aggtggtgga 1860
222 acagctcttg ccaatgtgat tccagctgaa gctaccttgg aattgacagg agatgaagca 1920
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224 gcaggatttg aaggatctat cgttatcgat cgtttgaaaa atgctgagct tggtatagga 2040
225 tttaacgcag caactggcga gtgggttaac atgattgatc aaggtatcat tgatccagtt 2100
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229 gggaatgact aacccttctt tttataggct ctttgtcaac tgtagtgggt tgaagtcagc 2340
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234 <211> LENGTH: 2107
235 <212> TYPE: DNA
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238 <400> SEQUENCE: 6
239 tcttggaaga ggaagaattg ccattttaag aattaaaaag tctgagttgg tctcaggctt 60
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241 ctatgaatta gcactcaggt ataaagagtg ctaataatat ctatctcatt atggaggaaa 180
242 tcagatgttg aaaccattag gggaccgttt ggtcttaaaa gtagaagaaa aagaacaaac 240
243 tgttggaggc tttgttctcg caggttcagc ccaagaaaaa accaaaacag cccaagttgt 300
244 ggctactgga caaggtgttc gtaccttgaa cggtgacttg gttgctccaa gtgttaaaac 360
245 tggagaccgt gtcttagttg aagcccacgc aggtcttgat gtcaaagatg gcgatgaaaa 420
246 gtatatcatc gtaggcgaag ctaacatctt ggcaatcatt gaagaataga aggagaaagt 480
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248 cgatatcctt gcagatactg ttaaagtaac cttgggacca aaaggtcgca atgtcgttct 600
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258 gattacagac aagaaaattt ccaatatcca agagatcttg ccacttttgg aaagcattct 1200
259 ccaaagcaat cgtccactct tgattattgc ggatgatgtg gatggcgagg ctcttccaac 1260
260 tcttgttttg aacaagattc gtggaacctt caacgtagta gcagtcaagg cacctggttt 1320
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VERIFICATION SUMMARY DATE: 03/21/2002
PATENT APPLICATION: US/09/786,212 TIME: 15:36:06

Input Set : A:\seq listing.txt
Output Set: N:\CRF3\03212002\I786212.raw

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L:3328 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:3328 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:

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– requires explanation of genetic source
see error summary sheet item 11